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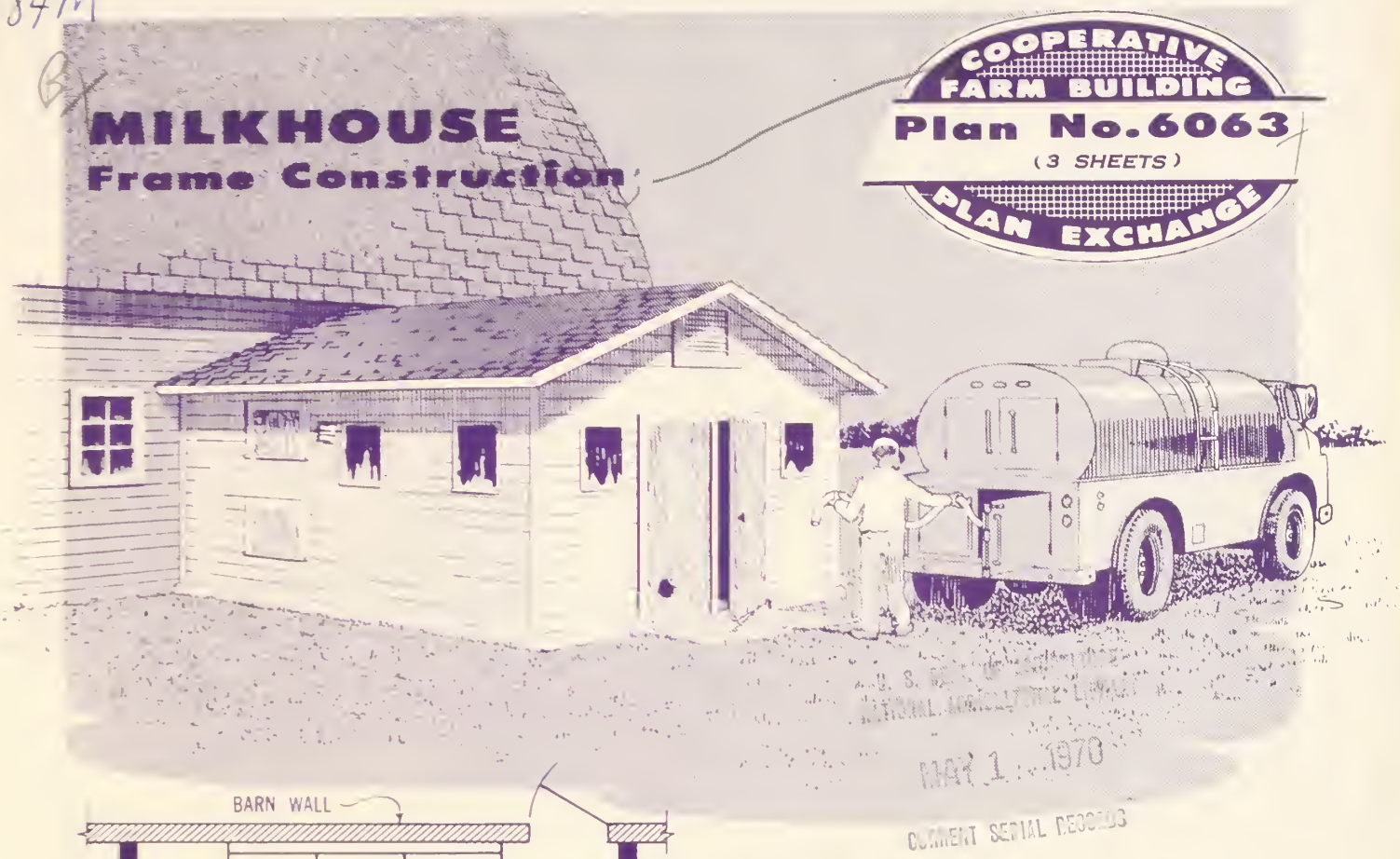
MILKHOUSE
Frame Construction

COOPERATIVE FARM BUILDING
Plan No. 6063
(3 SHEETS)
PLAN EXCHANGE



MAY 1 1970
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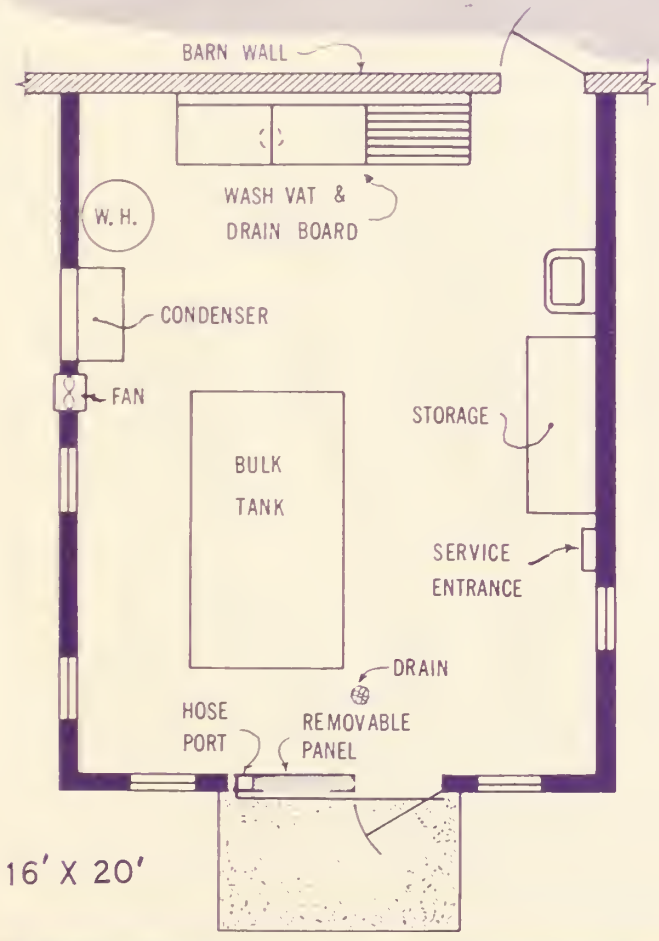

This plan is intended to aid in designing a milkhouse that meets the specific requirement of the area in which it is to be constructed. Before construction is started, the final plans should be approved by the health authorities having control of the production and sale of the milk.

The design was developed at the University of Minnesota and was planned to be built against the wall of a stall barn, as shown above, but it could also be used in conjunction with a milking parlor.

Two floor plans are shown, but other arrangements are possible. Much will depend on the size and type of the equipment selected by the operator and on local regulations concerning space requirements.

In some areas, two doors are required between the milkhouse and the barn or milking parlor. This can be done by lengthening the structure to provide a utility room and an open or enclosed vestibule, as required, between the milkhouse and the barn or parlor. The utility room should open into the vestibule.

Washington, D.C.

Issued April 1970

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 1169

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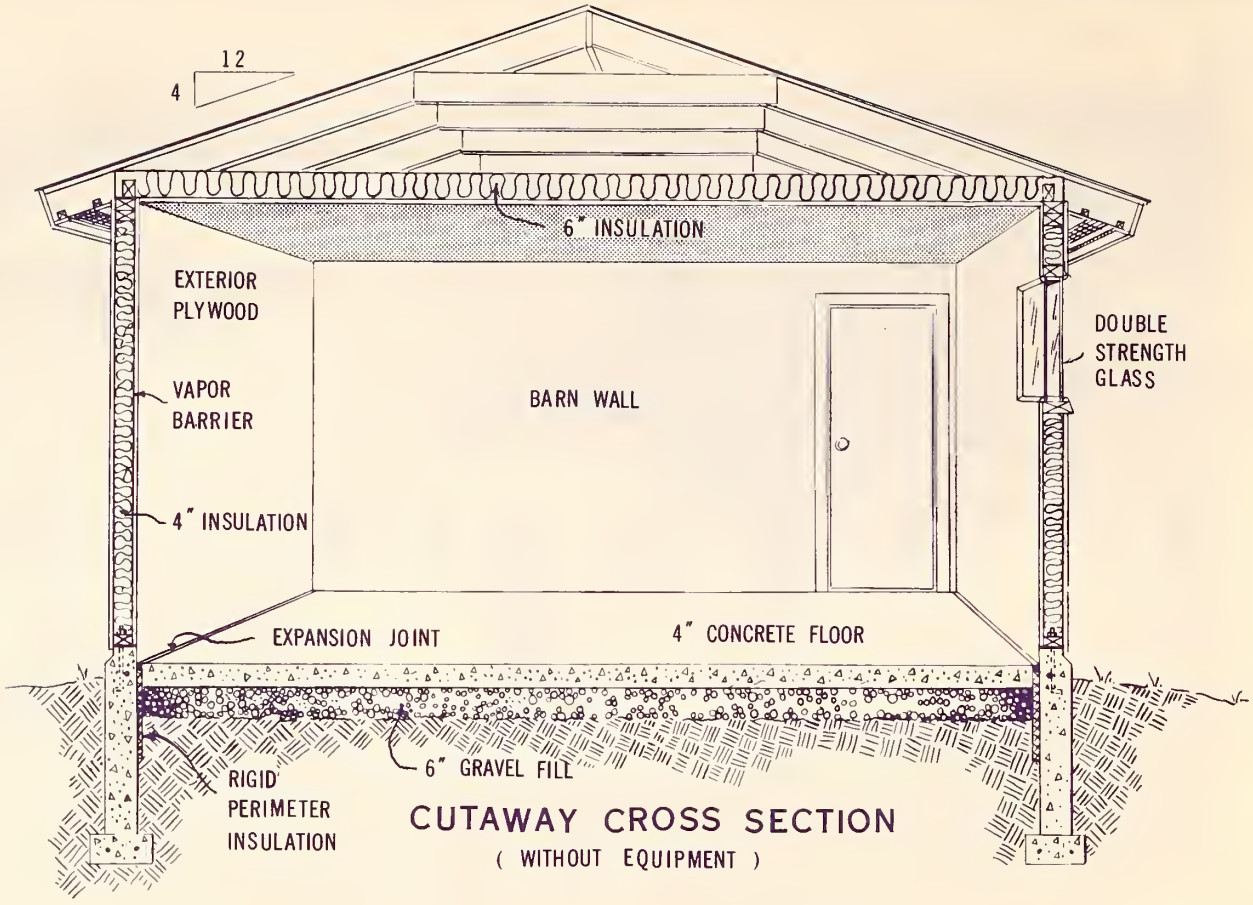
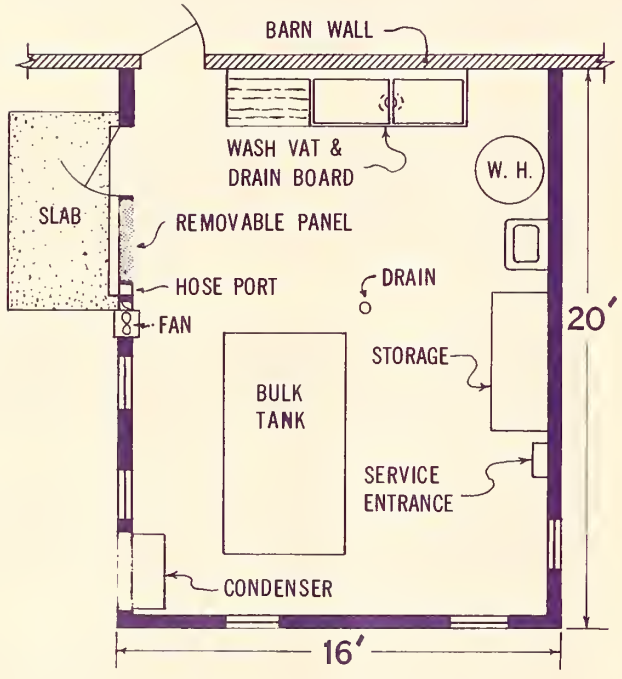


CUTAWAY CROSS SECTION

(WITHOUT EQUIPMENT)



ALTERNATE PLAN

Conventional wood frame construction is shown on the working drawings. The fastenings are not specified, since standard nailing practice will be adequate for most connections. However, special care should be taken to securely nail or bolt the full-length ceiling joists to the rafters so they will serve as ties to prevent the sidewalls from spreading due to roof-loads. Commercially fabricated roof trusses are widely available and may be substituted for the roof and ceiling framing indicated.

Exterior-type plywood is used for the interior wall and ceiling finish. The types of exterior siding and roofing are optional and may be selected to conform to the appearance of the adjoining building. All of these surface coverings should be fastened with hot-dip galvanized or other corrosion-resistant nails.

Working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Federal Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6063, MILKHOUSE

Agricultural Engineering Research Division AGRICULTURAL RESEARCH SERVICE

U.S. GOVERNMENT PRINTING OFFICE : 1970 OL—377—310